

4. (Currently Amended) A personnel safety system, comprising:  
a portable proximity sensor, wherein said proximity sensor is a ~~micropowerwave infrared~~  
impulse radar (MIR) sensor;  
said proximity sensor being self-contained within a portable housing unit and comprising  
an electrical power source, a signaling device and means for operatively coupling electrical  
power from the power source to the proximity sensor and to the signaling device;  
said proximity sensor being portably placed near or within a personnel safety zone, said  
proximity sensor not being mounted to a mobile working machine nor fitted to a person; and said  
proximity sensor being adapted to alert a person within said safety zone, via said signaling  
device, of an intrusion into the safety zone.
5. (Cancelled)
6. (Previously presented) The safety system of Claim 4 wherein there is a plurality of  
proximity sensors.
7. (Previously presented) The safety system of Claim 4 wherein the signaling device is a  
combination warning light and horn.